

CLAIMS:

1. An adapter for mounting an optionally-additional functional component onto a mobile wireless communication device, comprising,

a joint portion connectable to the mobile wireless communication device so that the adapter is attached through the joint portion to the mobile wireless communication device in a removable manner, and a component holding portion adapted to hold the optionally-additional functional component on the component holding portion.

2. An adapter according to claim 1, wherein the optionally-additional functional component includes at least one of a suction cup, a grip, a photograph holder and a game box.

3. An adapter according to claim 1, wherein the optionally-additional functional component includes an electric component to be electrically connected to the mobile wireless communication device.

4. An adapter according to claim 1, wherein the optionally-additional functional component is fixed to the component holding portion.

5. An adapter according to claim 1, wherein the optionally-additional functional component is connectable to the adapter so that the optionally-additional functional component is held on the component holding portion in a removable manner.

6. An adapter according to claim 1, wherein the

optionally-additional functional component includes at least one of an electronic memory device, a tuner electric circuit, a wireless communication electric circuit, an antenna, a camera and a loudspeaker.

7. An adapter according to claim 1, wherein a battery for electrically energizing the mobile wireless communication device is mountable on the mobile wireless communication device, and at least a part of the battery is mountable between the adapter and the mobile wireless communication device as seen in a view direction perpendicular to a stacking direction in which the adapter and the mobile wireless communication device are stacked.

8. An adapter according to claim 1, wherein a battery for electrically energizing the mobile wireless communication device is mountable on the mobile wireless communication device, at least a part of the battery is mountable between the optionally-additional functional component and the mobile wireless communication device as seen in a view direction perpendicular to a stacking direction in which the adapter and the mobile wireless communication device are stacked.

9. An adapter according to claim 1, wherein the component holding portion is adapted to hold the optionally-additional functional component in such a manner that the optionally-additional functional component is mountable between the adapter and the

mobile wireless communication device as seen in a view direction perpendicular to a stacking direction in which the adapter and the mobile wireless communication device are stacked.

10. An adapter according to claim 3, further comprising an electrically conductive contact terminal surface being electrically connectable to the electric component and adapted to contact the mobile wireless communication device so that the electric component is electrically connected through the electrically conductive terminal contact surface to the mobile wireless communication device in a separable manner.

11. An adapter according to claim 10, wherein a battery for electrically energizing the mobile wireless communication device is mountable on the mobile wireless communication device, at least a part of the battery is mountable between the adapter and the mobile wireless communication device as seen in a view direction perpendicular to a stacking direction in which the adapter and the mobile wireless communication device are stacked, and the electrically conductive contact terminal surface is arranged to be prevented from overlapping the battery as seen in the stacking direction.

12. An adapter according to claim 10, wherein a battery for electrically energizing the mobile wireless communication device is mountable on the mobile wireless communication device, at least a part of the

battery is mountable between the optionally-additional functional component and the mobile wireless communication device as seen in a view direction perpendicular to a stacking direction in which the adapter and the mobile wireless communication device are stacked, and the electrically conductive contact terminal surface is arranged to be prevented from overlapping the battery as seen in the stacking direction.

13. A mobile wireless communication device comprising,

an adapter for mounting an optionally-additional functional component onto the mobile wireless communication device, including,

a joint portion connectable to the mobile wireless communication device so that the adapter is attached through the joint portion to the mobile wireless communication device in a removable manner, and a component holding portion adapted to hold the optionally-additional functional component on the component holding portion.

14. A mobile wireless communication device on which an adapter including an adapter joint portion connectable to the mobile wireless communication device and a component holding portion adapted to hold a optionally-additional functional component on the component holding portion is mountable, comprising,

a device joint portion connectable to the

adapter joint portion so that the adapter is attached through the adapter and device joint portions to the mobile wireless communication device in a removable manner.

15. A method for selectively mounting onto a mobile wireless communication device an adapter being connectable to the mobile wireless communication device so that the adapter is attached to the mobile wireless communication device in a removable manner and including a component holding portion adapted to hold a optionally-additional functional component on the component holding portion, comprising the steps of :
preparing a plurality of the adapters,
selecting one of the adapters, and
mounting the selected one of the adapters onto the mobile wireless communication device.